

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/051723

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J23/96 C07C17/25 C07C5/09 C01B7/07

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 24 38 153 A (DEGUSSA) 19 February 1976 (1976-02-19) cited in the application	9
Y	page 3, line 5 - line 40 page 5, line 10 - line 15 page 11, line 4 - line 11 example 2	1-8
X	MÜLLER HERBERT ET AL: "Die selektive Hydrierung von Acetylene im Herstellungsverfahren für Vinylchlorid" CHEMIE. INGENIEUR. TECHNIK, VERLAG CHEMIE GMBH. WEINHEIM, DE, vol. 59, no. 8, 1987, pages 645-647, XP002117589 ISSN: 0009-286X cited in the application	9
Y	page 647, last paragraph	1-8

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

29 October 2004

Date of mailing of the international search report

18/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 924 627 A (HOECHST AG) 24 April 1963 (1963-04-24) page 2, line 38 - line 56 examples -----	1-8
Y	GB 811 820 A (ENGLEHARD IND INC) 15 April 1959 (1959-04-15) page 1, line 17 - line 32 example IV -----	1-8
Y	US 5 332 705 A (DANIEL LAWRENCE G ET AL) 26 July 1994 (1994-07-26) column 1, line 8 - line 42 column 2, line 11 - line 13 column 4, line 57 - line 68 example 2 -----	1-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051723

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 2438153	A	19-02-1976	DE 2438153 A1	19-02-1976
GB 924627	A	24-04-1963	BE 582872 A	
			DE 1418198 B1	04-09-1969
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			AU 4641993 A	24-01-1994
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			WO 9400232 A1	06-01-1994